

Title (en)
BELAY DEVICE

Title (de)
SICHERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASSURAGE

Publication
EP 3743165 A1 20201202 (EN)

Application
EP 19707114 A 20190124

Priority
• IT 201800001896 A 20180125
• IB 2019050585 W 20190124

Abstract (en)
[origin: WO2019145883A1] A belay device (100) for braking and/or blocking at least one rope (10) comprising a main body (1) having at least two main walls (2, 3) arranged facing and spaced from one another so that to form a space between them is described. The at least one rope (10) is inserted inside the body (1) of the device in the space present between the two main walls (2, 3), each main wall further comprising an opening (8) defining a movement path (P) for at least one braking element (15) of the rope which is movable in said opening (8) between at least one non-blocking position of said at least one rope and at least one braking/blocking position of said at least one rope. The device further comprises at least one friction element or surface (12), said at least one rope (10) being arranged between said braking element (15) and said friction element or surface (12) when said braking element (15) is in said braking/blocking position of the rope. The device comprises at least one retaining element (150) configured to hold directly, and reversibly, said braking element (15) in said at least one non-blocking position of the rope along said movement path (P).

IPC 8 full level
A62B 1/14 (2006.01)

CPC (source: EP US)
A62B 1/14 (2013.01 - EP US); **A63B 29/02** (2013.01 - US)

Citation (search report)
See references of WO 2019145883A1

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WO 2019145883 A1 20190801; EP 3743165 A1 20201202; IT 201800001896 A1 20190725; US 11285343 B2 20220329; US 2021060362 A1 20210304

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